

Title (en)  
Automatic apparatus for analysis of blood

Title (de)  
Automatische Blutanalysevorrichtung

Title (fr)  
Appareil automatique d'analyse de sang

Publication  
**EP 0740142 B1 20010905 (EN)**

Application  
**EP 96111883 A 19900906**

Priority

- EP 90402453 A 19900906
- JP 23067589 A 19890906
- JP 11814689 U 19891006
- JP 6228390 U 19900613
- JP 6228490 U 19900613
- JP 6228590 U 19900613
- JP 6228690 U 19900613
- JP 6228790 U 19900613

Abstract (en)  
[origin: EP0417006A2] A blood analyzer system incorporates means for handling and transporting sample blood through at least one blood analyzer (49, 56) and an automatic blood smear generator (60) under the control of a programmable controller (62). Blood samples are stored in sample containers having identifiers for the sample blood. These sample containers (52) are transported through the system in protective racks (48) that permit the reading of the identifiers. The results of analysis in the system determines the need for performing or omitting subsequent operations on a particular sample blood. When a smeared blood sample is to be made, the controller (62) assures that the smear thickness is consistent with other samples regardless of the thickness or viscosity. If the system fails to make a required smeared blood sample, a detector warns of a system failure.  
<IMAGE>

IPC 1-7  
**G01N 1/28**; **G01N 33/49**

IPC 8 full level  
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